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**FORM PTO-1390** 

U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE

## TRANSMITTAL LETTER TO THE UNITED STATES DESIGNATED/ELECTED OFFICE (DO/EO/US) CONCERNING A FILING UNDER 35 U.S.C. 371

ATTORNEY'S DOCKET NUMBER

070456-0118

U.S. APPLIC. NO. (if known\_see 37 CFR 1.5 Not Yet Assigned 5 5 5 5 1

| INTERNATIONAL APPLICATIO | N | NC |
|--------------------------|---|----|
| PGT/JP2004/018706        |   |    |

INTERNATIONAL FILING DATE

**December 15, 2004** 

INTERNATIONAL APPLICATION NO

**December 17, 2003** 

TITLE OF INVENTION

| APPLICANTS FOR | R DO/EO/US |
|----------------|------------|
|----------------|------------|

Haruhisa TOYODA, Naoto IGARASHI, Hitoshi OYAMA, Yasuhiro ENDO, Ryoji MIZUTANI

| Applicant herewith submits to the United States Designated/Elected Office (DO/EO/US) the following items and other information: |             |  |  |  |  |  |
|---|-------------|--|--|--|--|--|
| 1.  | $\boxtimes$ | This is a FIRST submission of items concerning a filing under 35 U.S.C. 371.   |  |  |  |  |
| 2.  |             | This is a SECOND or SUBSEQUENT submission of items concerning a filing under 35 U.S.C. 371.  |  |  |  |  |
| 3.  | $\boxtimes$ | This express request to begin national examination procedures (35 U.S.C. 371(f)). The submission must include items (5), (6), (9) and (21) indicated below.  |  |  |  |  |
| 4.  |             | The US has been elected (Article 31).  |  |  |  |  |
| 5.  |             | A copy of the International Application as filed (35 U.S.C. 371(c)(2))  a.  is attached herewith (required only if not transmitted by the International Bureau).  b.  has been communicated by the International Bureau.  c.  is not required, as the application was filed in the United States Receiving Office (RO/US)  |  |  |  |  |
| 6.  |             | An English language translation of the International Application as filed (35 U.S.C. 371(c)(2)).   |  |  |  |  |
| 7.  |             | Amendments to the claims of the International Application under PCT Article 19 (35 U.S.C. 371(c)(3))  a.  are attached hereto (required only if not transmitted by the International Bureau).  b.  have been communicated by the International Bureau.  c.  have not been made; however, the time limit for making such amendment has NOT expired.  d.  have not been made and will not be made. |  |  |  |  |
| 8.  |             | An English translation of the amendments to the claims under PCT Article 19 (35 U.S.C. 371(c)(3)).   |  |  |  |  |
| 9.  |             | An oath or declaration of the inventor(s) (35 U.S.C. 371(c)(4)).   |  |  |  |  |
| 10.   |             | An English translation of the annexes to the International Preliminary Examination Report under PCT Article 36 (35 U.S.C. 371(c)(5)).  |  |  |  |  |
| Items 11  | . to 16. be | low concern other document(s) or information included:   |  |  |  |  |
| 11.   | $\boxtimes$ | An Information Disclosure Statement under 37 CFR 1.97 and 1.98.  |  |  |  |  |
| 12.   |             | An assignment document for recording. A separate cover sheet in compliance with 37 CFR 3.28 and 3.31 is included.  |  |  |  |  |
| 13.   |             | A preliminary amendment.   |  |  |  |  |
| 14.   |             | An Application Data Sheet under 37 CFR 1.76.   |  |  |  |  |
| <b>15</b> .   |             | A substitute specification.  |  |  |  |  |
| 16.   |             | A power of attorney and/or change of address letter.   |  |  |  |  |
| 17.   |             | A computer-readable form of the sequence listing in accordance with PCT Rule 13ter.2 and 37 CFR 1.821-1.825.   |  |  |  |  |
| 18.   |             | A second copy of the published International Application under 35 U.S.C. 154(d)(4).  |  |  |  |  |
| 19.   |             | A second copy of the English translation of the International Application under 35 U.S.C. 154(d)(4).   |  |  |  |  |
| 20.   |             | Other items or information.  1) Copy of International published Application  2) International Search Report  3) PCT Request  4) PCT/IB/301  5) PCT/IB/304  6) PCT/IB/308 (First and Second Notices)  |  |  |  |  |

| U.S. APPLIC. NO. (if known, see 37 CFR 1.50) INTERNATIONAL APPLICATION NO.  Not yet assigned 1 1 5 8 3 5 1 7 PCT/JP2004/018706  |   |  | ATTORNEY'S DOCKET NUMBER 070456-0118  |                                   |                              |                                       |  |
|---|---|--|---|-----------------------------------|------------------------------|---------------------------------------|--|
|   |   |  |   |                                   | CALCULATIONS                 | PTO USE ONLY                          |  |
| 21. 🛛 The foll  | lowing fees   | s are submitted:   | -,  |                                   |                              |                                       |  |
|   | nal Stage F   | <sup>-</sup> ee  |   | \$300                             | \$300.00                     |                                       |  |
| . 22.   Examination Fee  If the written opinion prepared by ISA/US or the International preliminary examination report prepared by IPEA/US indicates all claims satisfy provisions of PCT Article 33(1)-(4)  All other situations |   |  |   |                                   | \$ 200.00                    |                                       |  |
| If the written opinion IPEA/US income Search fee (37 CF) International Search   | ion of the Is<br>dicates all of<br>FR 1.445(a<br>I Searching<br>rch Report<br>communica | SA/US or the Internation claims satisfy provisions a)(2)) has been paid on g Authority prepared by an ISA ot atted to the US by the IB | \$ 400.00   |                                   |                              |                                       |  |
| TOTAL OF 21, 22   | 2 and 23 =  | ;  |   |                                   | \$ 900.00                    |                                       |  |
| sequence  | listing or co   | ompute rprogram listing  | filed in paper over 100 ships filed in an electronic measure of paper or fraction there | dium).                            | \$0                          |                                       |  |
| Total Sheets  | Extra Shee  | 513 I  | additional 50 or fraction p to a whole number)  | RATE                              |                              |                                       |  |
| 35-100  | 0/50=   |  | 0   | X\$250                            | \$0                          |                                       |  |
| Surcharge of \$130 claimed priority da  |   | _  | claration later than 30 mor   | nths from the earliest            | \$130.00                     |                                       |  |
| CLAIMS  |   | NUMBER FILED   | NUMBER EXTRA  | RATE                              |                              | · · · · · · · · · · · · · · · · · · · |  |
| Total Claims  | 9-  | -20 =  | 0   | x \$50.00                         | \$0                          |                                       |  |
| Independent Clair   | ms <sub>2</sub> -   | -3 =   | 0   | x \$200.00                        | \$0                          |                                       |  |
| Multiple depender   | nt claim(s)   | (if applicable)  |   | + \$360.00                        | \$0                          |                                       |  |
|   |   |  | TOTAL OF AB   | OVE CALCULATIONS =                | \$1030.00                    |                                       |  |
| ☐ Applicant claims small entity status. See 37 CFR 1.27. Fees above are reduced by 1/2.   |   |  |   | educed by 1/2.                    | \$                           |                                       |  |
|   |   |  |   | SUBTOTAL =                        | \$1030.00                    |                                       |  |
|   |   | or furnishing the Englishe (37 CFR 1.492(f)).  | h translation later than the  | e 30 months from the              | \$0                          |                                       |  |
|   |   |  | TO  | OTAL NATIONAL FEE =               | \$1030.00                    |                                       |  |
| Fee for recording accompanied by a  | the enclos<br>an appropr  | ed assignment (37 CFI rate cover sheet (37 CF  | R 1.21(h)). The assignme<br>FR 3.28, 3.31). \$40.00 pe                                  | ent must be<br>er property +      | \$1030.00                    |                                       |  |
|   |   |  | тот   | AL FEES ENCLOSED =                | \$1030.00                    |                                       |  |
|   |   |  |   |                                   | Amount to be:refunded        | \$                                    |  |
|   |   |  |   |                                   | Amount to be charged         | \$1030.00                             |  |
| а. 🔲  | A chec  | k in the amount of \$  | to cover the above fe   | es is enclosed.                   |                              |                                       |  |
| b. 🔯 is enclo   |   | charge my Deposit Ac   | count No. <u>500417</u> in the  | amount of <u>\$1030.00</u> to cov | er the above fees. A dupli   | cate copy of this sheet               |  |
| c. 🔯 Accoun   | The Co<br>nt No. <u>5004</u>  | ommissioner is hereby a <u>117.</u> A duplicate copy c   | authorized to charge any softhis sheet is enclosed.                                     | additional fees which may l       | oe required, or credit any o | overpayment to Deposit                |  |
| NOTE: Where are and granted to re   | n appropri<br>estore the  | iate time limit under 3<br>application to pendir   | na ctatua   | s not been met, a petition        | n to revive (37 CFR 1.137    | (a) or (b)) must be filed             |  |
| SEND ALL CORRESPONDENCE TO:   |   |  |   |                                   | June 16, 2006                |                                       |  |
| Customer Number 20277   |   |  |   | SNATURE                           | DATE                         |                                       |  |
| Telephone: 202.756.8000   |   |  | Ger   | ne Z. Rubinson                    |                              |                                       |  |
| Facsimile: 202.756.8087 NAME 33,351   |   |  |   |                                   |                              |                                       |  |
|   |   |  |   |                                   |                              |                                       |  |